

LECTURES PRESENTED AT THE 9th INTERNATIONAL SYMPOSIUM ON TRICHOPTERA, CHIANGMAI 1989

F.C.de Moor: The use of Trichoptera to assess biodiversity and conservation status of South African river systems.

M.Sommerhäuser, B.Robert, P.Koch, H.Schuhmacher: Caddisflies as indicators for the assessment of riparian systems along lowland streams.

S.C.Stuijffzand, S.Engels, E.v.Ammelrooy, M.Jonker, W.Adusraal: Survival of caddisflies (*Hydropsyche* spp.) in polluted river water, assessed by in situ exposure and laboratory toxicity testing.

H.G.v.d.Geest, G.D.Greve, B.B.Schepers, E.M.de Haas, M.H.S.Kraak: Key factors limiting the distribution of sensitive aquatic insect species; effects of copper and diazinon on larvae of the caddisfly *Hydropsyche angustipennis*.

A.Hoffmann: Mating systems in Trichoptera: A little about the little known.

V.D.Ivanov, C.Löfstedt: Pheromones in caddisflies.

D.Dudgeon: Hydropsychid population dynamics and production in a tropical forest stream.

V.H.Resh, E.P.McElravy: Long-term variability in richness and density of Trichoptera in two California coastal streams.

M.L.Mathis: Life histories of three limnephiloid caddisflies inhabiting a temporary spring in south-central Missouri, USA.

N.Alouf: Développement de *Hydropsyche instabilis* dans un cours d'eau au Liban.

C.Alecke, E.I.Meyer: Ecological studies on the genus *Tinodes* (Psychomyiidae) in lowland streams of north-west Germany.

O.Kiss, S.Andrikovics, G.Szigetvári, I.Fisli: Trichoptera collected with light traps on the Szarvaskő reach of Eger brook (Bükk Mountains, North Hungary).

M.J.Myers, V.H.Resh: Comparison of Trichoptera caught by pan, emergence, and black light traps at desert springs in California, USA.

J.C.Morse, A.L.Prather: Trichoptera of the Lake Hovsgol region, Mongolia.

K.Tanida, M.Nishino, M.Uenishi: Trichoptera of Lake Biwa: a check-list and the zoogeographical prospect.

F.Sipahiler: Distribution of the Drusinae (Limnephilidae) species in Turkey with the description of *D.didrelensis* sp.n.

A.Uherkovich, S.Nógrádi: The survey of caddisflies of the Hungarian catchment area of Drava River.

F.Cianficconi, C.Corallini, G.P.Moretti: Trichoptera and their symbionts in the Eastern Italian Alps.

G.P.Moretti, W.Raineri, A.Fava, F.Cianficconi: Trichoptera of a peat bog in the Western Ligurian Apennines.

F.-M.Gibon: A first study of the diversity and richness of the Malagasy caddis fauna.

G.Spinelli Batta, C.Corallini Sorcetti: A comparative study of the cuticular structures in the stomodeum of some Italian Trichoptera families.

M.C.Bicchieri, C.Corallini Sorcetti: Attachment device of the gregarine *Pomania morettii* in the midgut of *Potamophylax inermis* (Limnephilidae).

C.Corallini Sorcetti, L.Catapano: Morphology and ultrastructure of the midgut of *Rhyacophila italica*.

G.Spinelli Batta, G.P.Moretti, C.Corallini Sorcetti: Further information on the morphology of the labrum in Italian Trichoptera larvae.

M.C.Bicchieri, E.Gaino: Ultrastructural investigation of the eggs of *Rhyacophila italica*.

I.D.Sukatcheva: The early Cretaceous caddisfly fauna of England.

J.B.Ward: Phylogeny and species associations in the Tiphobiosis group of genera (Hydrobiosidae).

W.Mey: The *Hydropsyche formosana* group in the Oriental Region: taxonomy, distribution and phylogeny.

W.K.Gall, G.B.Wiggins: Are the Phryganeidae and Plectrotarsidae sister groups?

Yang,L., Leng,K.: Fauna and distribution of the caddisfly family Limnephilidae in China.

O.S.Flint,Jr.: On the Chilean genus *Charadropsyche* (Tasimiidae).

A.Neboiss: Genus Doloclanae from Sulawesi.

J.S.Weaver: The Asian genus *Paraphlegopteryx* (Lepidostomatidae).

POSTERS PRESENTED AT THE 9th INTERNATIONAL SYMPOSIUM ON TRICHOPTERA, CHIANGMAI 1989

T.Andersen, R.W.Holzenthal: The genus *Allosetodes* Banks 1931, a junior synonym of *Triaenodes* McL.1865 (Leptoceridae).

T.Andersen, J.S.Morse, J.Kjaerandsen: *Blyzophilus dorsohamatus* gen.n., sp.n. from Ghana, representing a new leptocerid tribe, *Blyzophilini* tribe n. (Leptoceridae).

D.E.Bowles, S.C.Harris: The larva of *Alisotrichia arizonica* from the United States with a comparative assessment of the larvae of related New World *Stactobiini* (Hydroptilidae).

P.Chaibu, P.Chantaramongkol: Caddisflies of Upper Ping River (Thailand).

P.Chantaramongkol, P.McQuillan, S.Promkutkaew: PATN analysis of light trapping Trichoptera data from Huai Koo Kaow stream, Chiang Mai Zoo, Doi Suthép, Thailand.

A.Dohet: Ordination and classification of trichopteran assemblages of the rhithral part of some basins with little or no anthropogenic disturbance in the Oesling (G.D.of Luxembourg).

D.Dudgeon: The population dynamics of three species of Calamoceratidae in a tropical forest stream.

T.Ehrlert, T.Timm, H.Schuhmacher: New aspects on the flight behaviour of caddisflies at running waters.

F.Hayashi, M.Ishikawa: Seasonal changes in body size, egg size and sperm length of Japanese *Stenopsyche*.

Y.Immuong, N.Saengpradab, P.McQuillan: Distribution of caddisfly larvae due to environmental changes in the Pong catchment, Northeast Thailand.

T.Ito, T.S.Vshivkova: Description of unknown stages and biological notes of *Palaeagapetus finisorientis* (Hydroptilidae, Ptilocolepinae)

O.Kiss, D.Schmera: Trichoptera from a light trap in the Börzsöny Mountains, North Hungary, 1996.

H.Kato, T.Kagaya: The distribution pattern of genus *Micrasema* (Brachycentridae) in streams in Nikko district, central Japan.

N.Kuhara: The subgenus *Kisaura* of the genus *Dolophilodes* (Philopotamidae) in Japan.

R.B.Kuranishi: Revision of the family Rhyacophilidae of Japan.

J.Majecki: The larval feeding activity of three autumnal caddis species (Limnephilidae).

H.Malicky: The net-spinning larva of the Giant Microcaddisfly, *Ugandatrichia* spp. (Hydroptilidae).

H.Malicky, P.Chantaramongkol: A preliminary survey of the Trichoptera of Thailand.

Y.Nagayasu, T.Ito: The life history of *Ecclisocosmoecus spinosus* in Hokkaido, northern Japan (Limnephilidae, Dicosmoecinae).

A.Nakano, K.Tanida: Species diversity of Trichoptera in a mountain stream in Japan: some practical and methodological tests to reveal the diversity.

S.Nógrádi, A.Uherkovich: Protected and threatened caddisflies of Hungary.

T.Nozaki: A new terrestrial caddisfly from Japan (Limnephilidae).

A.Ohkawa, T.Ito: The adult Polycentropodidae of Hokkaido, northern Japan.

W.H.Riss, C.Alecke, E.I.Meyer: Autecological studies on *Tinodes unicolor* (Psychomyiidae) using digital videoanalysis.

N.Saengpradab, Y.Inmuong, C.Hanjavanit, P.McQuillan: Caddisfly larvae of Phukradueng National Park, Thailand.

S.Sompong, P.Chantaramongkol: Diversity of caddisflies and life history of *Limnocentropus* spp. in streams at two altitudes in Doi Inthanon National Park, Thailand.

B.Spähnhoff, C.Alecke, E.I.Meyer: The macroinvertebrate colonization of aquatic woody debris (CPOM) with special reference to the genus *Lype* (Psychomyiidae).

J.Sykora: Genus *Mortoniella* and its distribution in South America (Glossosomatidae).

I.Thani, P.Chantaramongkol: Life history of *Ugandatrichia maliwan* and water quality in two streams in Doi Inthanon National Park, Thailand.

COORDINATES AND ELEVATIONS OF SOME PLACES VISITED DURING THE SYMPOSIUM:

Holiday Garden Hotel, Chiangmai: 18°48'N, 98°58'E, 400m

Montatan waterfall, Doi Suthep: 18°49'N, 98°55'E, 700m.

Forest road above Montatan waterfall: 18°49'N, 98°55'E, 1000m.

Queen Sirikit Botanical Garden: 18°54'N, 98°51'E, 700m.

Mae Klang stream at Ban Sob Aeb, Doi Inthanon: 18°32'N, 98°36'E, 540m.

Siribhum waterfall near Ban Khun Klang, Doi Inthanon: 18°32'N, 98°30'E, 1300m.

Forest streams above Siribhum waterfall: 18°32'N, 98°30'E, 1600m.

Places visited during the post-Symposium excursion:

(huai = stream, nam = water, mae nam = river)

11 January 1998:

Nam Mae Pai near Pai (at the bridge): 19°23'N, 98°27'E, 500m.

Muang Pai Resort near Pai: 19°23'N, 98°24'E, 700m.

12 January:

Tham Nam Lod (cave entrance): 19°34'N, 98°17'E, 600m.

Ban Tiao San (Lahu village), Huai San: 19°32'N, 98°07'E, 600m.

Tam Pla Forest Park (with fish cave): 19°26'N, 97°59'E, 300m.

Mae Hong Son, Golden Pai Resort, Nam Mae Pai: 19°21'N, 97°57'E, 200m.

13 January:

Nam Mae Surin (Karen village): 18°55'N, 97°57'E, 400m.

Mae La Noi (village), 18°22'N, 97°56'E, 300m.

Mae Sariang (town): 18°10'N, 97°56'E, 300m.

Ob Luang National Park (Nam Mae Chaem): 18°13'N, 98°29'E, 350m.



Photographs from the 9th Trichoptera Symposium. A group of participants at Mae Klang stream, biotope of *Ugandatrichia maliwan* and *Trichomacronema paniae*.